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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|--------------------------|---------------------|------------------|
| 10/662,078 | 09/12/2003 | Reginald Charles Allsopp | 2003-1991.ORI | 1943 |
| 22476 | 7590 | 11/14/2005 | EXAMINER | |
| HAUGEN LAW FIRM SUITE 1130 - TCF TOWER 121 SOUTH EIGHTH STREET MINNEAPOLIS, MN 55402 | | | PUROL, DAVID M | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 3634 | |

DATE MAILED: 11/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | |
|------------------------------|-----------------|---------------------------|
| Office Action Summary | Application No. | Applicant(s) |
| | 10/662,078 | ALLSOPP, REGINALD CHARLES |
| | Examiner | Art Unit |
| | David M. Purol | 3634 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 24 August 2005.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-8 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) 1-4 is/are allowed.

6) Claim(s) 5-8 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on 24 August 2005 is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.

4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.

5) Notice of Informal Patent Application (PTO-152)

6) Other: _____.

1. Claim 5 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Line 3 recites "the wrap spring juts" for which there is no antecedent basis.

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 6-8 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Cheng-Pei. Cheng-Pei discloses a control unit comprising a sprocket wheel 3, a chain guard housing 7, a sprocket support 1, a wrap spring 4, a splined bush 5, a center pin 6 having fins 62,621.

3. The applicant states that the stop pin on the spindle of Cheng-Pei does not cooperatively engage with correspondingly recesses in the sprocket support as is presently claimed. The Examiner concurs and those claims which reflect the structure of the fins engaging the recesses in the sprocket support are seen as constituting patentable subject matter.

The applicant argues that Cheng-Pei does not disclose the chain guard housing as being rotatable with respect to the sprocket support member. This is not convincing for any movement of the sprocket support member with respect to the chain guard

housing would respond to the functional language of the chain guard housing which may be rotated relative to an external face of a sprocket support.

As to the applicant's argument that there is no teaching or suggestion in Cheng-Pei of chain guard housing lugs, note that the recesses in the sidewall portion 71 in Cheng-Pei fully responds to the claimed chain guard housing lugs.

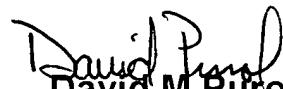
With respect to the applicant's argument that Cheng-Pei does not disclose a wrap spring as having the cross-sectional features as recited in claim 8, note that the circular portion of the wrap spring 4 of Cheng-Pei responds to the circular cross section portion and the straight distal ends of the wrap spring 4 of Cheng-Pei responds to the one or more flattened surfaces.

4. Claims 1-4 are allowed.
5. Claim 5 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph as set forth in this Office action.
6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

7. Any inquiry concerning this communication should be directed to David M. Purol at telephone number (571) 272-6833.



David M Purol
Primary Examiner
Art Unit 3634